Claims

[c1]   What is claimed is:

1.A method of wireless input for supporting a plurality of hosts with a wireless input apparatus, the method comprising:

entering a registration mode;

updating an identity table of the wireless input apparatus; and

supporting the hosts selectively according to the identity table.

[c2]   2.The method of claim 1, wherein one of the hosts is chosen from the group consisting of the following: a personal computer, a mobile phone, and a personal digital assistant (PDA).

[c3]   3.An electronic system comprising:

an input apparatus comprising:

a control circuit for controlling the input apparatus;

an input interface for receiving an input information to generate a control signal, and for receiving an identity selected from a plurality of predetermined identities as a transmitting identity;

a storage device for storing an identity table and an

identity in a non-volatile way, the identity table comprising a plurality of predetermined identities; and

a first radio module for transmitting a radio packet, the packet comprising the transmitting identity and the control signal; and

a plurality of hosts, each host corresponding to a different host identity, each host comprising:

a second radio module for accepting and outputting the control signal if the packet received from the input apparatus has a corresponding host identity, and discarding the packet if the received packet has no corresponding host identity;and

a processing module electrically connected to the second radio module for receiving the control signal outputted by the second radio module for controlling operations of the host;

wherein at least a processing module of a host among all hosts is capable of controlling the second radio module of the host to transmit a control packet to the input apparatus.

[c4]   4.The electronic system of claim 3, wherein the control circuit of each host updates the contents of the identity table according to the control packet.

[c5]   5.The electronic system of claim 3, wherein the input apparatus is a keyboard having a plurality of keys, and

the input interface will generate different control signals when different keys are depressed.

[c6] 6. The electronic system of claim 3, wherein the first radio module is further capable of transmitting a service notice packet comprising an identity code of the input apparatus.

[c7] 7. The electronic system of claim 6, wherein each host is capable of outputting a noticing signal when receiving the service notice packet.

[c8] 8. The electronic system of claim 3, wherein each host is capable of transmitting a service request packet with the second radio module.

[c9] 9. The electronic system of claim 8, wherein the input apparatus will output the service notice packet when receiving the service request packet.

[c10] 10. The electronic system of claim 3, wherein when a host transmits the control packet comprising an identity code corresponding to the host, the control circuit will add the identity code corresponding to the host in the identity table as a predetermined identity code for updating the identity table.